



SERIES: SF600 | DESCRIPTION: THERMAL PAD

FEATURES

- 5.0 W/m*K thermal conductivity
- naturally tacky
- silicone based
- electrical isolation
- sizes to match CUI peltier footprints



SPECIFICATIONS

parameter	test method/conditions/description	min	typ	max	units
material	silicone elastomer				
color	dark grey				
thickness	ASTM D751		0.5		mm
specific gravity	ASTM D297		3.1		g/cc
hardness	ASTM D2240	35		80	shore OO
tensile strength	ASTM D412		20		psi
continuous use temperature		-58		200	°C
dielectric breakdown voltage	ASTM D149	2500			V
dielectric constant (1 MHz)	ASTM D150		6.0		
volume resistivity	ASTM D257		10 ¹³		Ω*cm
thermal conductivity	ASTM D5470		5.0		W/m*K
RoHS	yes				

PART NUMBER KEY

SF600 - XXXX 05

Base Number

Footprint Size (mm):

10x10 = 1010
 15x15 = 1515
 15x30 = 1530
 20x20 = 2020
 20x40 = 2040
 26.25x50 = 2650
 30x12 = 3012
 30x30 = 3030
 31.25x30 = 3130
 40x40 = 4040
 41.25x45 = 4145
 50x50 = 5050
 70x70 = 7070

REVISION HISTORY

rev.	description	date
1.0	initial release	11/15/2018

The revision history provided is for informational purposes only and is believed to be accurate.

**CUI INC[®]**

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.